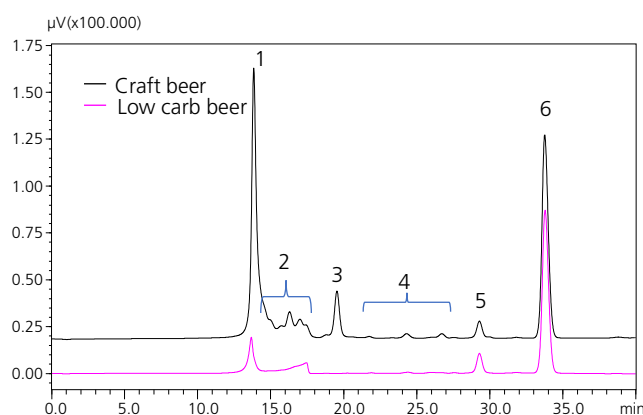


CoreFocus
Report
No.548

LC Size exclusion and Sodium-based ligand exchange mode Shim-pack Series

Shim-pack™ SUR-Na
Chromatographic elution pattern of
beers in size exclusion mode

Keywords: Retention index, Sugars, Food, Oligosaccharides, Carbohydrates, Ethanol



1. Carbohydrates (around exclusion limit)
2. Oligosaccharides
3. Disaccharides such as maltose
4. Monosaccharides
5. Glycerol
6. Ethanol

Samples were decarboxylated by ultrasonic irradiation and measured.

Instrument	: Nexera™ lite
Column	: Shim-pack SUR-Na (250 mm x 7.8 mm I.D., 8 μm) 2 pcs , P/N : 228-59529-01
Guard column	: Shim-pack SUR-Na (G) (50 mm x 7.8 mm I.D., 8 μm) , P/N : 228-59529-02
Mobile phase	: Water
Flow rate	: 0.5 mL/min
Column temp.	: 60°C
Injection volume	: 10 μL
Detector	: RID

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